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ABSTRACT OF THE DISCLOSURE

A glass bulb for a cathode ray tube in which a compressive stress is formed in a surface of a panel portion by physically strengthening; the maximum wall thickness t_F of a face portion 7 on at least one axis of a long axis and a short axis of the face portion and the maximum wall thickness t_R of a blend R portion satisfy $1.0 \leqq t_R/t_F \leqq 1.4$; and the absolute value of a compressive stress value by physically strengthening in an area where a tensile vacuum stress is distributed after the assembling of the cathode ray tube is 7 - 30 MPa, whereby there is a small possibility of implosion of the glass bulb even when the wall thickness of the panel portion is made thin in comparison with a conventional glass bulb.